Chest Freezer service manual

MODEL : FC-13DD4SA1(BD-98/HC(E)

DSG Model: LOGIK LCF98W10

SKU:252341

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1. Safety precautions

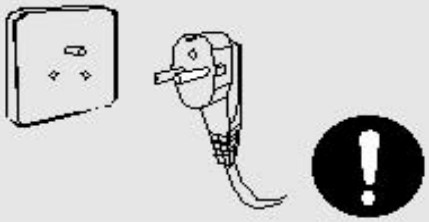
Safety precautions

This appliance uses220-240V~/50Hz AC for power supply.

Failure in operation and damage to the control panel, thermostat or the compressor will occur if voltage is outside the range 187-242V unless a regulator with a capacity of over 750W or higher is installed

It is required to use separate, dedicated outlet with securely grounding.

The power cable of this appliance is fitted with three-core (grounding) plug complying with three-core (grounding) outlet. In no case, should the third plug pin (grounding) of the power cable be cut or removed

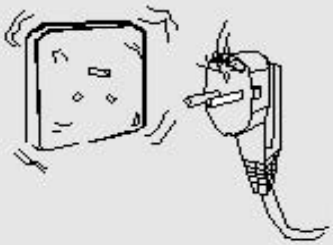


Do not damage power cable

- Be sure not to pull out the plug of the appliance by drawing the power cable. Be sure to directly pull out it of the outlet by firmly grasping the plug
- Do not cause the appliance body press the power cable, nor should any people tread on it
- When moving the appliance from wall, be careful not to roll or damage power cable

In case of damaged power cable

When the power cable or plug has been worn, it is prohibited to continue to use it. In this case, it is required to replace it by factory authorized service shop



When there is leakage of inflammable gas:

- Close the valve of leaking gas
- Open doors and windows
- Neither try to drag nor insert any power plug for any electrical unit such as refrigerator

Please pull out power plug under the following situations:

- Pull out power plug prior to cleaning or repairing
- When replacing damaged lamp, it is required to pull out power plug to prevent electrical shock

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2. ***Specification***

models	*FC-13DD4SA1*
net capacity (L)	*98*
color	*white*
power supply(V/Hz)	*220-240*
rated input power (W)	*75*
net weight (kg)	*31*
gross weight(kg)	*34*
*unit dimension (D*W*H)(mm)*	*526*563*836*
*packing dimension (D*W*H)(mm)*	*550*590*881*
container quantity (PCS)	*247*
noise	*42*

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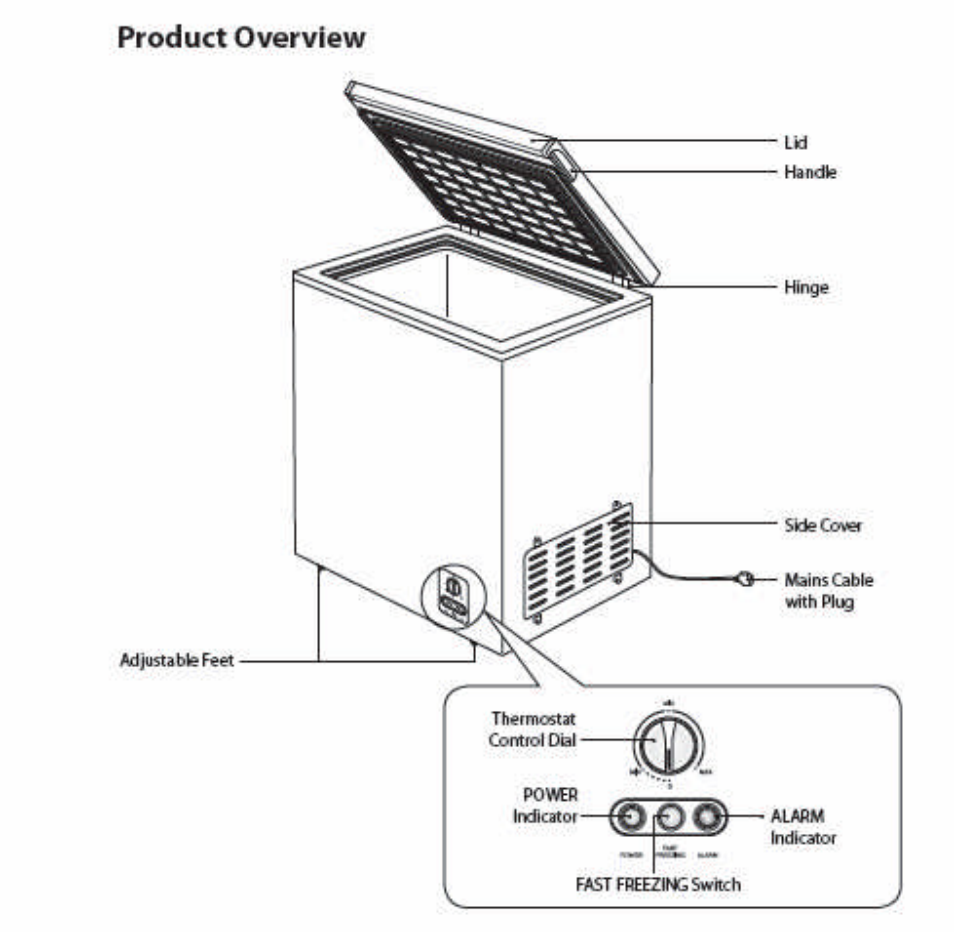
3.Parts identification



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4. *Chest Freezer system diagram*

when the FREEZER is just powered on. The refrigerant flows in the sequence: Compressor Condenser Dry filter Capillary tube Evaporator .

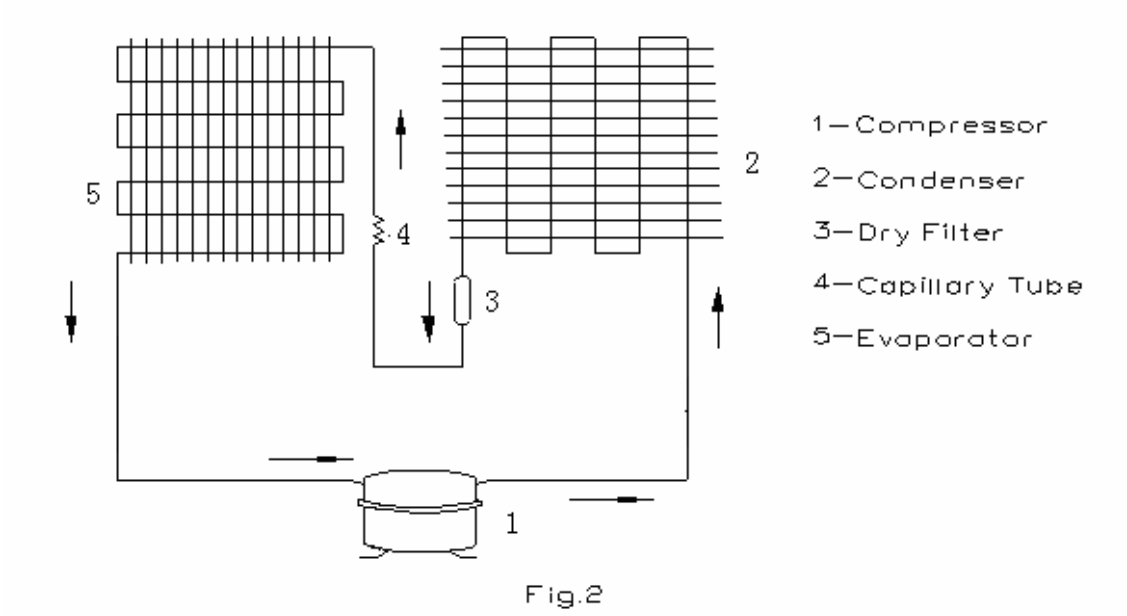
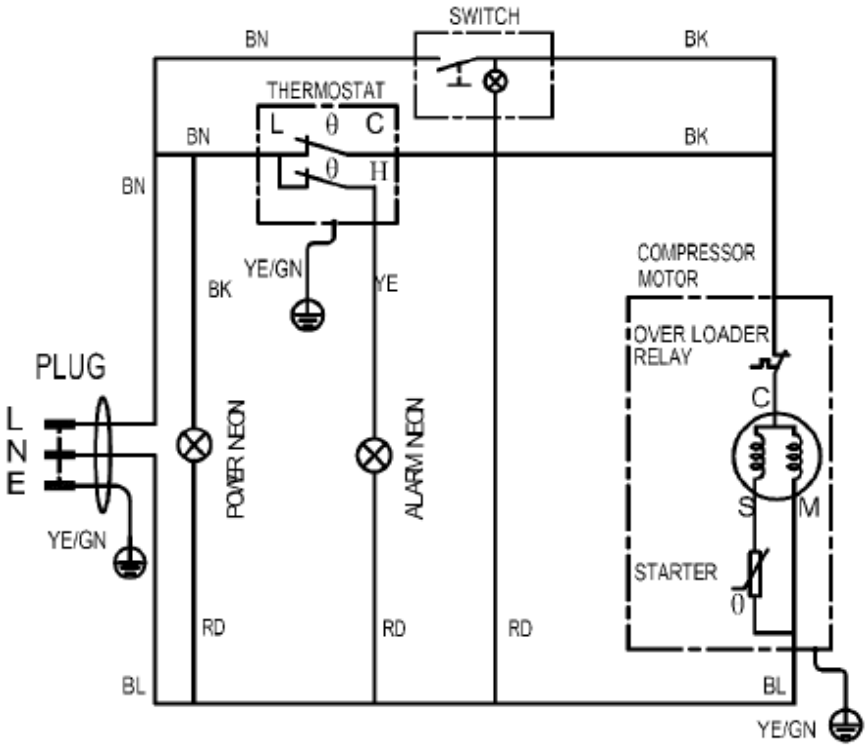


Fig.2

5. *Circuit diagram*



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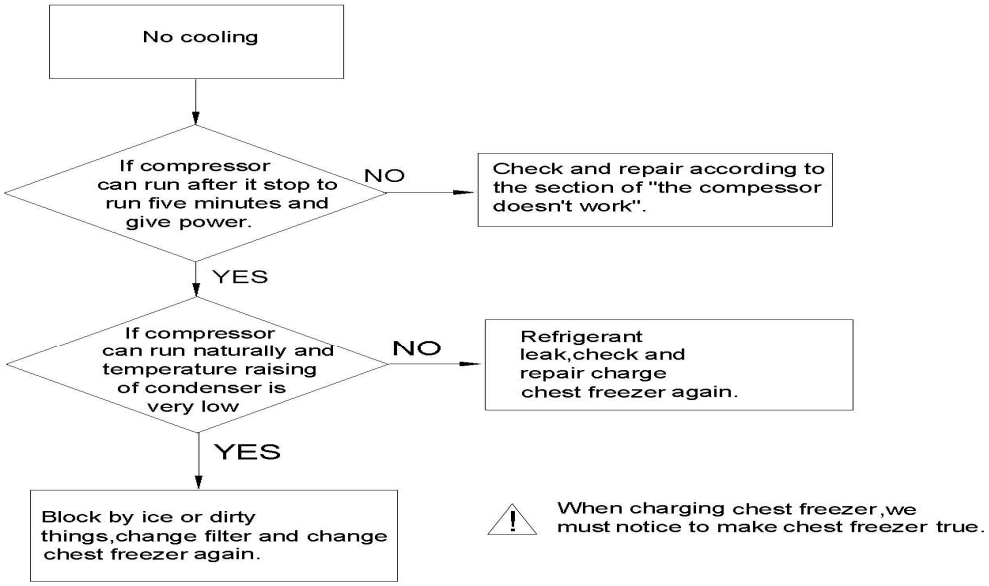
6. Maintenance service and Troubleshooting.

Maintenance Service and Trouble Shooting

1. No cooling


No cooling
If compressor can run after it stop to run five minutes and give power.
NO
Check and repair according to the section of "the compessor doesn't work".
YES
If compressor can run naturally and temperature raising of condenser is very low
NO
Refrigerant leak,check and repair charge chest freezer again.
YES
Block by ice or dirty things,change filter and change chest freezer again.
When charging chest freezer,we must notice to make chest freezer true.

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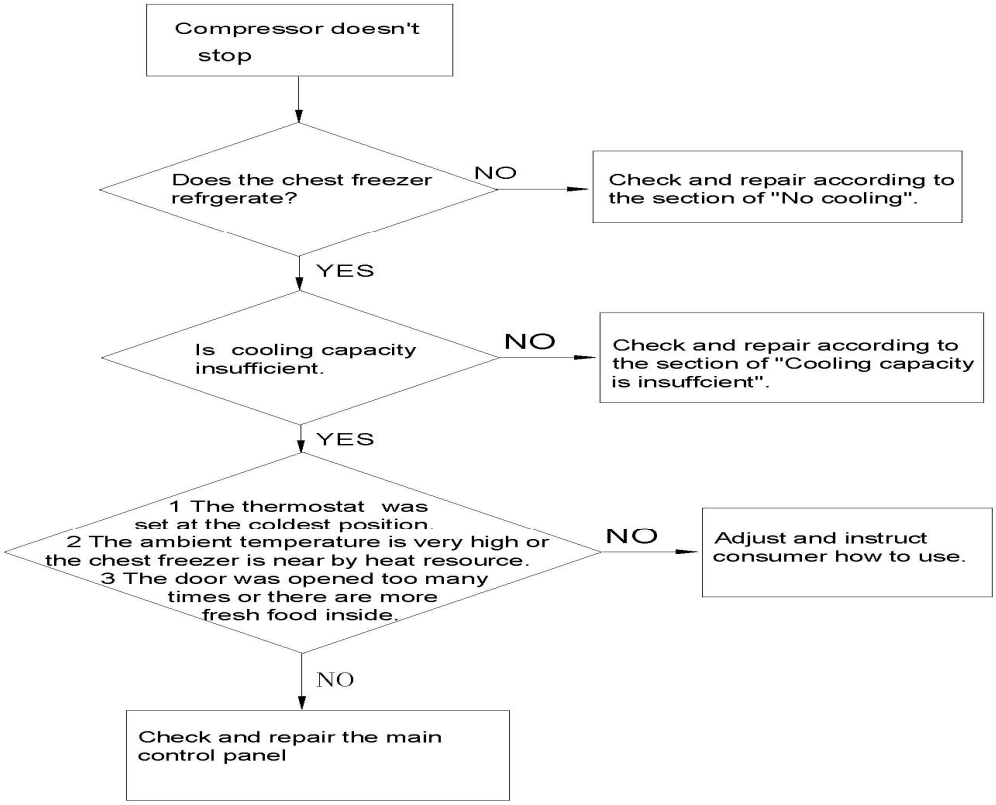
2 The compressor doesn't stop


Compressor doesn't stop
Does the chest freezer refrgerate?
NO
Check and repair according to the section of "No cooling".
YES
Is cooling capacity insufficient.
NO
Check and repair according to the section of "Cooling capacity is insuffcient".
YES
1 The thermostat was set at the coldest position.
2 The ambient temperature is very high or the chest freezer is near by heat resource.
3 The door was opened too many times or there are more fresh food inside.
NO
Adjust and instruct consumer how to use.
NO
Check and repair the main control panel

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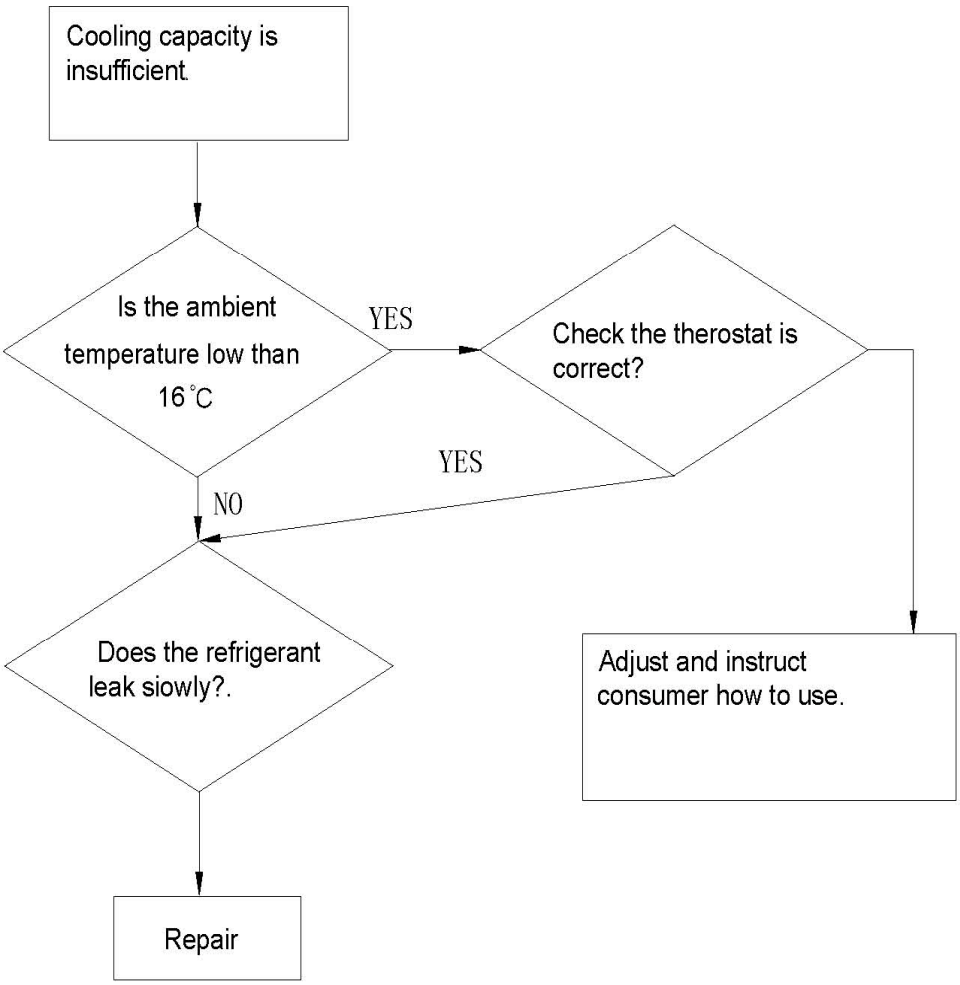
3 Cooling capacity is insufficient



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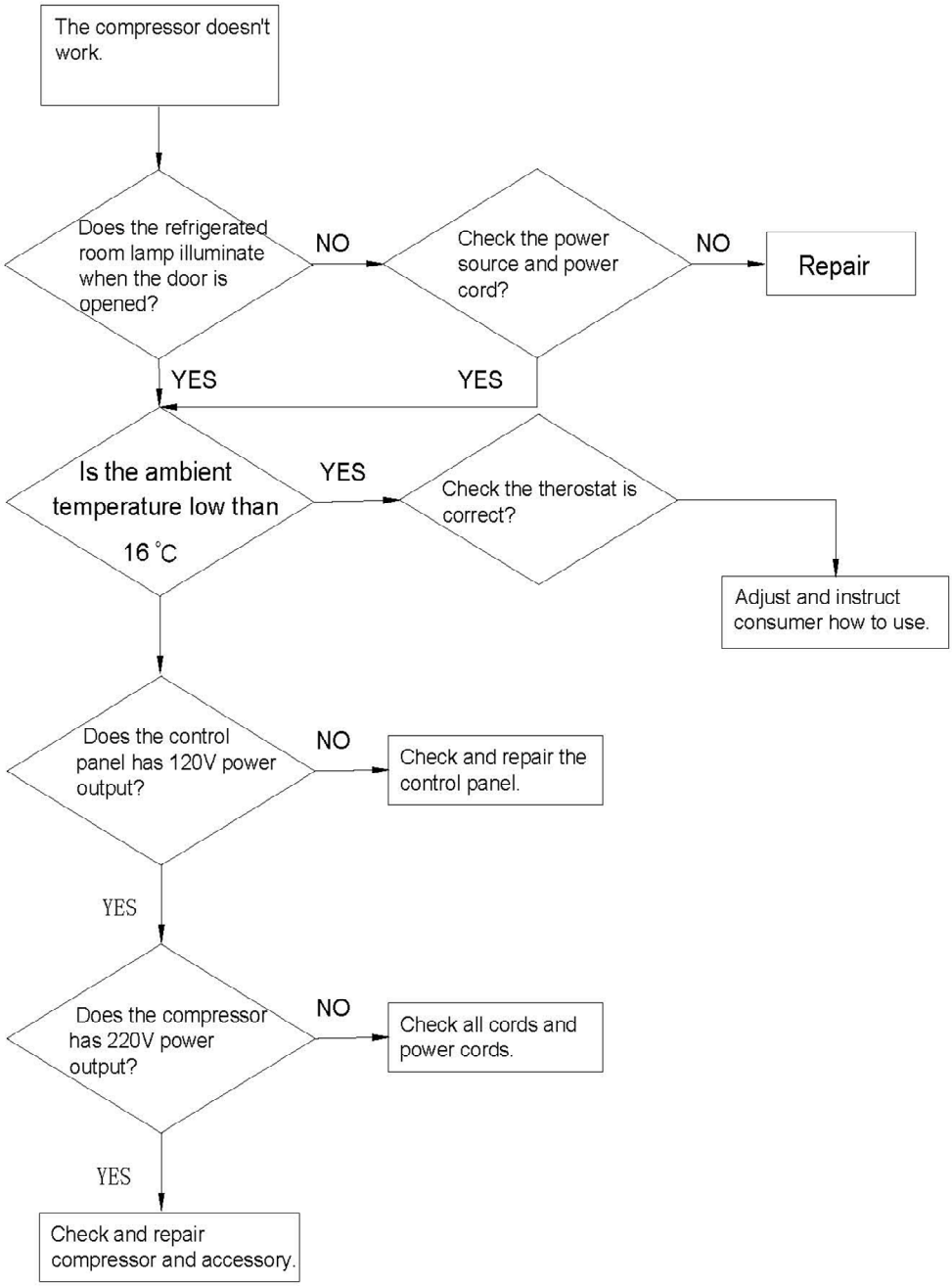
4 The compressor doesn't work


The compressor doesn't work.
Does the refrigerated room lamp illuminate when the door is opened?
NO
Check the power source and power cord?
NO
Repair
YES
YES
Is the ambient temperature low than 16 ˚C
YES
Check the therostat is correct?
Adjust and instruct consumer how to use.
Does the control panel has 120V power output?
NO
Check and repair the control panel.
YES
Does the compressor has 220V power output?
NO
Check all cords and power cords.
YES
Check and repair compressor and accessory.

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7. Quality information report

Quality information

Thank you very much for purchasing our products. In order to provide you with more satisfied products, please kindly fill in the questionnaire as the items indicated below. We shall strive for best to optimize our products based on your suggestion。

Client name					
Sale area					
Date					
No.	*Product model*	*Quality problem describe*	*Service result*	*Quantity /rate*	*Factory serial No.*
1					
2					
3					
4					
5					
6. Quality problem of whole sale product: detail descriptions					
client suggest:					
Factory activity:					

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